



## UNITED STATES PATENT AND TRADEMARK OFFICE

(3)

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/003,179	10/31/2001	Tadaharu Watanabe	MTG009

CONFIRMATION NO. 4094

## FORMALITIES LETTER



\*OC00000007370430\*

Steven C. Petersen  
Hogan & Hartson, LLP  
Suite 1500  
1200 17th Street  
Denver, CO 80202

Date Mailed: 01/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/26/2002 HBERHE 00000108 10003179  
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EXPRESS MAIL NO. EL954331305US  
Attorney Docket No. MTG009  
Client/Matter No. 82870.0009.000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Tadaharu Watanabe and Dan Fraenkel

Serial No.: 10/003,179

Filed: October 31, 2001

For: MATERIALS AND METHODS FOR  
THE PURIFICATION OF HYDRIDE GASES

Group Art Unit: 1764

Examiner: Not Yet  
Accorded

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box MISSING PARTS  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

1. Notice to file Missing Parts;
2. Executed Declarations of T. Watanabe and D. Fraenkel (3 pages);
3. Executed Assignment of T. Watanabe and D. Fraenkel (3 pages);
4. Recordation cover sheet;
5. Fee Transmittal (in duplicate);
6. Check in the amount of \$170;
7. Certificate of Mailing by Express Mail; and
8. Return Postcard

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL954331305US, with the United States Postal Service, addressed to Box MISSING PARTS, The Commissioner for Patents, Washington, D.C., 20231, on March 21, 2002.

March 21, 2002

Date

Sarah O'Rourke)  
Mailer

March 21, 2002

Date

Sarah O'Rourke)  
Sarah O'Rourke, Reg. No. 41,226  
HOGAN & HARTSON LLP  
One Tabor Center  
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# FEE TRANSMITTAL for FY 2002

(3)

**TOTAL AMOUNT OF PAYMENT (\$)** **(\$170.00)**

Complete if Known	
Application Number	10/003,179
Filing Date	October 31, 2001
First Named Inventor	Tadaharu Watanabe, et al.
Examiner Name	
Group / Art Unit	1764
Attorney Docket No.	MTG009

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number **50-1123**

Deposit Account Name **Hogan & Hartson L.L.P.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17  
 Applicant claims small entity status.  
 See 37 CFR 1.27

2.  Payment Enclosed:  
 Check     Money Order     Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
740	370	Utility Filing Fee	
320	160	Design filing fee	
490	245	Plant filing fee	
710	355	Reissue filing fee	
160	80	Provisional filing fee	

**SUBTOTAL (1) (\$)**

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20**=		
Independent Claims	-3***=		
Multiple Dependent			=

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

**(\$)**

3. ADDITIONAL FEES	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
	130	65	Surcharge – late filing fee or oath	130
	50	25	Surcharge – late provisional filing fee or cover sheet	
	130	130	Non-English specification	
	2,520	2,520	For filing a request for ex parte reexamination	
	920*	920*	Requesting publication of SIR prior to Examiner action	
	1,840*	1,840*	Requesting publication of SIR after Examiner action	
	110	55	Extension for reply within first month	
	390	195	Extension for reply within second month	
	890	445	Extension for reply within third month	
	1,390	695	Extension for reply within fourth month	
	1,890	945	Extension for reply within fifth month	
	310	155	Notice of Appeal	
	310	155	Filing a brief in support of an appeal	
	270	135	Request for oral hearing	
	1,510	1,510	Petition to institute a public use proceeding	
	110	55	Petition to revive – unavoidable	
	1,240	620	Petition to revive – unintentional	
	1,240	620	Utility issue fee (or reissue)	
	440	220	Design issue fee	
	600	300	Plant issue fee	
	130	130	Petitions to the Commissioner	
	50	50	Processing fee under 37 CFR 1.17(q)	
	180	180	Submission of Information Disclosure Stmt	
	40	40	Recording each patent assignment per property (times number of properties)	40
	710	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
	710	355	For each additional invention to be examined (37 CFR § 1.129(b))	
	710	355	Request for Continued Examination	
	900	900	Request for expedited examination of a design application	
Other fee (specify)				

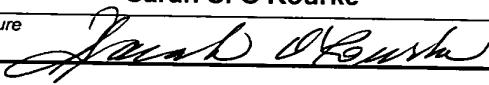
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

**(\$170.00)**

**SUBMITTED BY** Complete (if applicable)

Name (Print/Type) **Sarah S. O'Rourke**

Signature 

Registration No.  
(Attorney/Agent)

**41,226**

Telephone **(720) 406-5385**

Date

**3-21-02**